

In re Application of:
Grotendorst and Neff
Application No.: 09/461,646
Filed: December 14, 1999
Page 2

PATENT
Attorney Docket No.: FIBRO1130-2

AMENDMENTS

IN THE CLAIMS

Please amend claim 15 as set forth below.

Please add new claims 20-22 presented below.

Complete Listing of the Claims

Upon entry of the present amendment, the claims will stand as follows. The following listing of claims will replace all prior versions and listings of the claims in the present application:

5. (Previously Amended) An isolated polynucleotide encoding the polypeptide of claim 15 or a complement thereof.

15. (Currently Amended) An isolated polypeptide selected from the group consisting of:

- (a) an amino acid sequence consisting essentially of SEQ ID NO:4;
- (b) an amino acid sequence consisting essentially of residue 4 through 74 of SEQ ID NO:4;
- (c) a fragment of (b) that is at least 15 amino acids long;
- (d) ~~an amino acid sequence consisting essentially of residue 4 through 74 of SEQ ID NO:4;~~

and

(e)(d) an amino acid sequence consisting essentially of 4 through 172 of SEQ ID NO:4;

wherein the polypeptide has mitogenic activity and does not consist of SEQ ID NO:2.

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Page 3

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16. (Previously Added) An expression vector comprising the polynucleotide of claim 5.
17. (Previously Added) A host cell comprising the polynucleotide of claim 5.
18. (Previously Amended) A method of producing a polypeptide having mitogenic activity, the method comprising:
 - (a) culturing a host cell of claim 17 under conditions suitable for formation of the polypeptide; and
 - (b) recovering the polypeptide encoded by said polynucleotide.
19. (Previously Amended) An isolated polypeptide consisting of the amino acid sequence from residue 75 through 172 of SEQ ID NO: 4.
20. (New) An isolated polynucleotide encoding the polypeptide of claim 19 or a complement thereof.
21. (New) An expression vector comprising the polynucleotide of claim 20.
22. (New) A host cell comprising the polynucleotide of claim 20.